

Case 355 : Narrative

Case Vehicle (A): 2000 Toyota	Vehicle (B): 2002 Gillig
Type: Corolla, 4-door sedan	Type: Transit bus
Driver: 23-year-old male	Driver: 26-year-old male
CDC: 11-FYEW-3	CDC: 99-0000-0

SITUATION

1 It was dark but the five-lane asphalt road was illuminated by streetlights, and it was dry and free of defects. 2 3 4 Case vehicle (A) was traveling west in the inside westbound lane at an unknown speed and was approaching a controlled intersection. 5 6 7 8 Vehicle (B), a transit bus, was traveling east in the eastbound center turn lane and was approaching the same controlled intersection. The driver of vehicle (B) began a left turn at the same time that the driver of case vehicle (A) entered the intersection. The driver of case vehicle (A) attempted to avoid the collision by steering to the right, but the front of case vehicle (A) struck the front of vehicle (B). On impact, case vehicle (A) rotated clockwise and the left side of case vehicle (A) contacted the front of the transit bus. Case vehicle (A) was towed due to damage and vehicle (B) was towed, although it was reportedly drivable. The driver of case vehicle (A) had been drinking and a blood test revealed an alcohol level of 0.352 percent.

The police accident report indicates A-level injuries for the driver of case vehicle (A) and he was transported by ambulance to a local level-one trauma center where he was hospitalized for seven days. The police accident report indicates that the driver of vehicle (B) and its twenty passengers were not injured and none sought treatment.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[9](#) Damage to case vehicle (A) was severe. [10](#) Direct damage began at the left-front bumper corner and extended 70-cm to the right, resulting in 49-percent vehicle overlap (VOL). [11](#) The maximum crush at the bumper level was 56 cm and occurred at the left-front bumper corner. The left wheelbase was reduced by 36 cm and the right wheelbase was unchanged.

[12](#) [13](#) Damage to vehicle (B) was moderate. Direct damage began at the left-front bumper corner and extended 100-cm to the right. [14](#) The maximum crush at the bumper level was 5 cm and occurred at the left-front bumper corner. The windshield was cracked, the left headlight assembly was shattered, and [15](#) the composite/fiberglass front end was broken, exposing the driver foot controls. There was no change in the wheelbase of vehicle (B).

Using the WinSMASH crash-reconstruction program, and a crush profile measured at the bumper of case vehicle (A), the following impact severity was calculated:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	39 (24)	-33 (-21)	19 (12)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

[16](#) In the front, the bumper was torn off, the grille and headlight assemblies were shattered, and the radiator was damaged. [17](#) The left side of the hood was crushed rearward and to the right, causing the hood to buckle up. The hood latch was damaged

but not released, and the hood remained on the vehicle. Both hood hinges were deformed and the left-side hood hinge was separated from its attachment. The rear edge of the hood was elevated and had probably contacted the windshield. [18](#) The windshield had been removed during extrication of the driver but it was shattered throughout and had probably been contacted by the transit bus, as evidenced by scrape marks on the top surface of the left instrument panel. There were no obvious occupant contact marks or fracture patterns on the driver side of the windshield, but the passenger side of the windshield showed damage from contact by the passenger airbag module cover. There was a 100-cm tear in the windshield plastic interlayer extending from the lower-left corner across the bottom of the glazing.

[17](#) On the left side, the fender was crushed to the rear and to the right, and [9](#) the left-front wheel was damaged and crushed rearward into the cowl, resulting in a 36-cm reduction of the left wheelbase. The left-front tire was flat and there was a hole in the sidewall. The driver door was crushed to the right and was jammed shut, but rescue personnel had cut all the pillars and removed the roof. [19](#) Rescue personnel had also attempted to remove the driver door but it was still attached at the hinges and at the latch. The glazing in the driver and left-rear doors was shattered, but the fixed glazing at the rear of the left-rear door was intact. The front portion of the left-rear door was slightly buckled but this appeared to be related to extrication efforts and the attempt at removing the driver door. The left-rear door was closed and operational. There was a slight buckle in the lower section of the left C-pillar but this was probably related to removal of the roof and extrication of the driver. There was no other left-side damage. [20](#) There was no damage to the rear of the vehicle. The backlight was shattered but this is probably due to removal of the roof.

[21](#) On the right side, the vehicle was slightly bowed, causing both right-side doors to be jammed shut. [22](#) Rescue personnel had cut the hinges on the right-front door but there was no damage to the right-side glazing. The right wheelbase was unchanged and there was no other right-side damage.

Interior

[23](#) [24](#) [28](#) This vehicle was equipped with steering-wheel and dash-mounted frontal-impact airbags, and both deployed during the offset-frontal impact. In the driver seating area, [25](#) the top-right and bottom-left portions of the steering-wheel airbag were stained with blood and [26](#) [27](#) there was a 30-cm tear along the left side of the airbag, possibly due to snagging of the inflating airbag on intruding interior components. [29](#) [30](#) [31](#) The lower spokes of the steering-wheel rim were slightly deformed but there was no measurable deflection of the steering-wheel rim. [32](#) There was no apparent rotation of the steering column, but the column was displaced approximately 5-cm to the rear. [33](#) The instrument panel was damaged and pushed rearward and [34](#) [35](#) the driver knee bolster cover was loosened from its mount and deformed. [38](#) The toe pan was intruded into the driver foot-well area and the foot controls were deformed. [39](#) [40](#) The interior panel of the driver door was deformed, the plastic panel was crazed, and the door-mounted armrest was cracked and deformed. [41](#) The driver seat was rotated to the left and the seat-track adjuster was jammed in the rearmost position. [42](#) There were bloodstains on the right side of the driver seatback. [48](#) [49](#) [50](#) The left A-pillar was damaged and rescue personnel had cut the upper portion, but there was a blood smear on the A-pillar cover, indicating probable driver contact. [43](#) The windshield was cracked and torn, but there was no evidence of driver contact. [44](#) [45](#) [46](#) [47](#) There was no damage to the windshield header, the sunvisors, or rearview mirror. The roof siderails and roof structure were not damaged. [36](#) [37](#) The plastic housing of the vertical console was displaced to the rear and to the right and there were cloth transfer marks on the plastic housing.

[51](#) There was no damage in the second seating row. [52](#) [53](#) [54](#) [55](#) The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
driver	left knee bolster	18	to rear
	instrument panel	21	to rear
	left upper A-pillar	21	to rear
	toe pan @ left foot	31	to rear
	steering column	5	to rear
center front	vertical console	9	to rear

OCCUPANT KINEMATICS AND INJURIES

[56](#) The 6-ft, 185-lb, 23-year-old male driver was using the available three-point belt and the steering-wheel airbag deployed. [57](#) [58](#) [59](#) There were loading marks on the plastic D-ring and bloodstains on the extended portion of the belt webbing, indicating belt use. The driver seat was in the rearmost seat-track position with the seatback slightly reclined and the steering wheel was tilted to a middle position.

On impact, the driver moved forward and slightly to the left relative to the vehicle interior, into the belt restraints and airbag, although tearing of the airbag due to contact with intruding components during deployment may have compromised the airbag's effectiveness. The driver sustained several facial injuries, probably from contact with the left A-pillar. These injuries include a comminuted fracture of the left mandible, avulsion of two lower teeth, lacerations to the chin and lower lip, and an abrasion to the chin. He sustained an abrasion to the dorsal aspect of the right forearm and a right radial styloid fracture, probably from contact with the vertical console, as evidenced by cloth transfer marks and damage to the console. He sustained a contusion to the left shoulder, probably from shoulder-belt loading, and a contusion to the center of the abdomen, probably from lap-belt loading. He sustained a laceration to the left knee, a contusion

and abrasion to the right knee, and a comminuted fracture/dislocation to the posterior wall of the left acetabulum from knee contact with the knee bolster.

The following tables and attached drawing [60](#) summarize the injuries for the driver of case vehicle (A).

Occupant: Driver	Age: 23 years	Gender: Male		
Restraints: 3-point belt, steering-wheel airbag (airbag torn)	Stature: 183 cm (6 ft, 0 in)	Mass: 84 kg (185 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Fracture, left mandible	2	—	A-pillar	—
Laceration, lower lip	1	—	A-pillar	—
Laceration, left chin	1	—	A-pillar	—
Abrasion, left chin	1	—	A-pillar	—
Avulsion, two lower incisor teeth	1	—	A-pillar	—
Contusion, central abdomen	1	—	Lap belt	—
Abrasion, dorsal aspect of right forearm	1	—	Vertical console	—
Fracture, right radial styloid	3	—	Vertical console	—
Contusion, left shoulder	1	—	Shoulder belt	—
Fracture, left acetabulum	3	Knee bolster	—	—
Laceration, left medial knee	1	Knee bolster	—	—
Abrasion, right medial knee	1	Knee bolster	—	—
Contusion, right medial knee	1	Knee bolster	—	—
Maximum A.I.S. Level	3	—	—	—
Injury Severity Score	14	—	—	—

CASE NO.: 355-02

CASE VEHICLE: 2000 Toyota

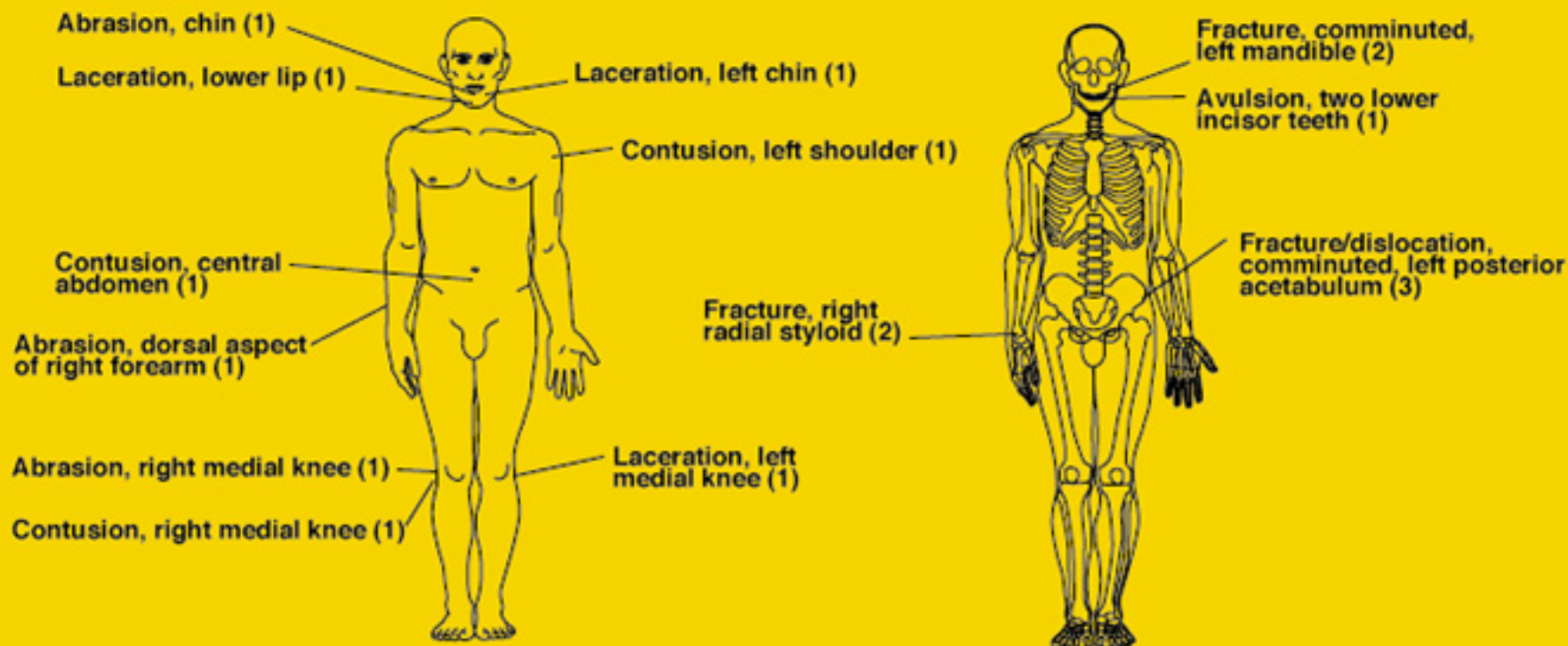
TYPE: Corolla, 4-door sedan

OCCUPANT: (Driver) 23-year-old male

STATURE: 183 cm (6 ft, 0 in) MASS: 84 kg (185 lb)

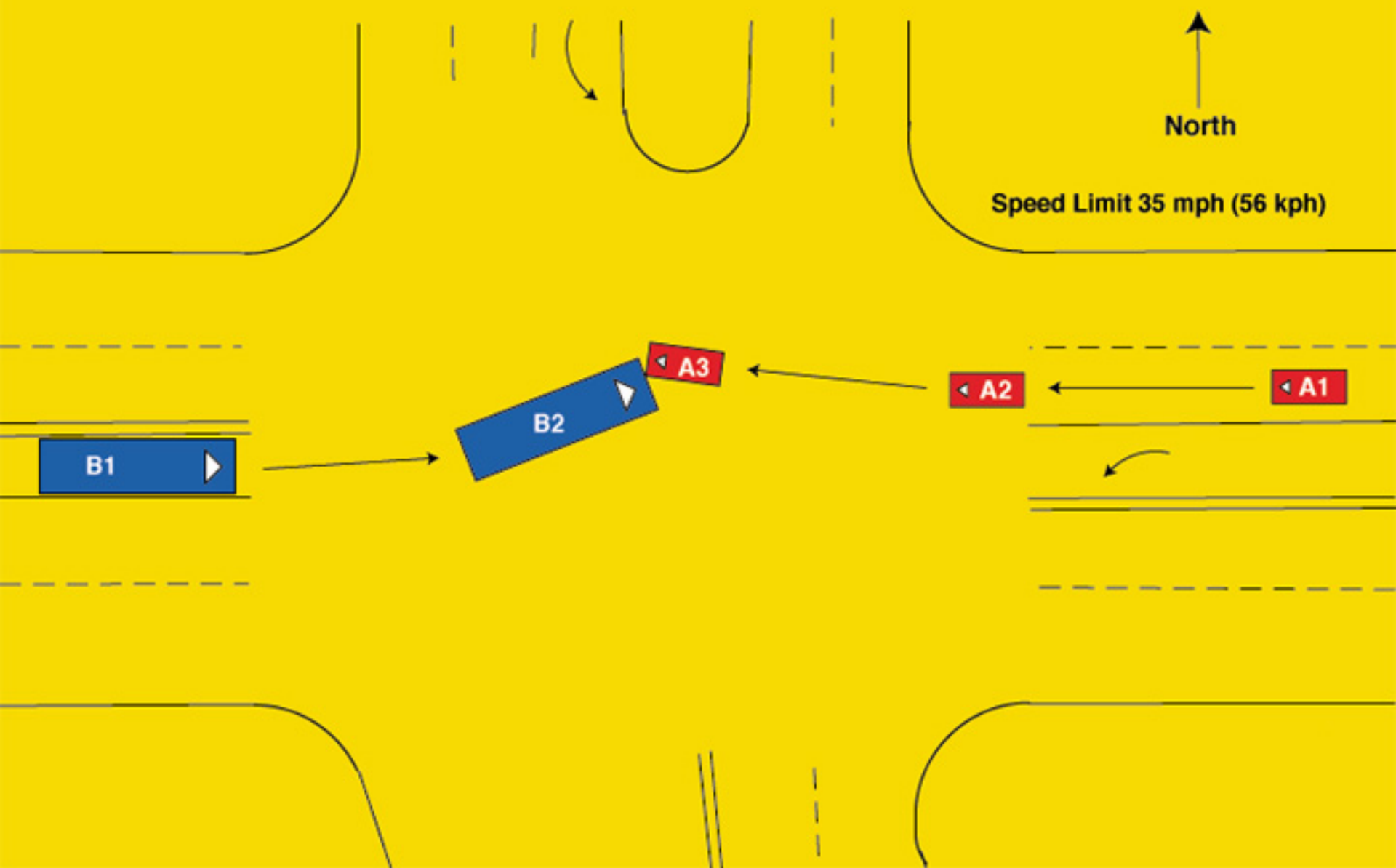
RESTRAINTS: 3-point belt; steering-wheel airbag

SEVERITY: MAIS - 3 : ISS - 14



Case No.: 355-02
Case Veh. (A): 2000 Toyota
Type: Corolla, 4-door sedan
Driver: 23-year-old male
Vehicle (B): 2002 Gillig Transit Bus

Weather: Cloudy
Road Surface: Dry
Road Construction: Asphalt
Light Conditions: Dark - lighted



Vehicle Report

General

Conditions

Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	1	Urban	more
V207 — Limited Access Highway	0	No	more
V208 — Road Total Lanes	4	4 lanes or more	more
V209 — Intersecting Road Total Lanes	5	Divided, 4 lanes or more	more
V210 — Road Surface Type	1	Asphalt	more
V211 — Road Defects	0	No	more
V212 — Construction Zone	0	No	more
V213 — Road Alignment Vertical Plane	3	Slope (2%)	more
V214 — Road Alignment Horizontal Plane	1	Straight	more
V215 — Surface Covering	10	Dry	more
V216 — Visibility Limitation	0	None	more
V217 — Visibility Obstruction	0	None	more
V218 — Speed Limit	2	56-60 km/h .. 35 mph	more
V219 — Precipitation Type	0	None	more
V220 — Precipitation Rate	8	Not applicable	more
V221 — Temperature	9	Unknown	more
V222 — Crosswind	9	Unknown	more
V223 — Light Conditions	4	Dark, lighted	more
V224 — Mechanical Malfunction Mention	0	No	more
V225 — Case Vehicle and Object	0	No	more

V226 — Case Vehicle Rollover	0	No	more
V227 — Case Vehicle Ran Off Roadway	0	No	more
V228 — Moving Case Vehicle/Contacted Moving Vehicle	1	Yes	more
V229 — Case Vehicle/Contacted Stopped Vehicle	0	No	more
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	more
V231 — Total Vehicles Hit By Case Vehicle	1	1 vehicle	more
V232 — Any Fire in Crash	0	No	more
V233 — Max Police Severity-PAR	3	A - Incapacitating Injury	more
V234 — Driver Alcohol Involvement	1	Had been drinking	more
V235 — Driver Alcohol BAC	35	—	—
V236 — Driver Impairment Mention	1	Yes	more
V237 — Driven/Towed From Scene	2	Towed Due to Damage	more

Other Vehicle

Variable Number and Name	Code Value	Code Description	Other Options
V301 — Other Vehicle VIN	15GGD1818210	—	—
V302 — Other Vehicle Manufacturer/Body Code	16843	—	—
V303 — Other Vehicle Manufacturer	168	Other USA truck corporation	more
V304 — Other Vehicle Body Code	43	Intracity bus, transit bus	more
V305 — Other Vehicle Make/Model	9004	—	—
V306 — Other Vehicle Model Year	2002	—	—
V307 — Other Vehicle Mass	013636 kg	—	—
V308 — Other Vehicle Number	0	No separate report	more
V309 — Other Vehicle Number of Occupants	21	—	—
V310 — Other Vehicle Traveling Speed	997	Speed not excessive (but unknown)	more
V311 — Highest Police Injury Severity	0	0 - No Injury	more
V312 — Other Vehicle Type	43	Transit bus (intracity)	more
V313 — Other Vehicle Wheelbase (cm)	999	Unknown wheelbase	more
V314 — Average Track Width	999	Unknown	more
V315 — Overall Length	999	Unknown	more
V316 — Overall Width (OAW)	999	Unknown	more
V317 — Front Overhang (FOH)	999	Unknown	more
V318 — Rear Overhang (ROH)	999	Unknown	more
V319 — Undeformed End Width (UEW)	999	Unknown	more
V320 — Engine Displacement	9.9 l	—	—
V321 — Engine: Number of Cylinders	99	Unknown	more

V322 — Direct Damage Length (DDL)	999	Unknown	more
V323 — Front-End Overlap % (FEO)	99	Missing or Not applicable	more
V324 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	more

Case Vehicle

General

Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	2T1BR12E5YC0	—	—
V402 — Manufacturer/Body Code	24226	—	—
V403 — Vehicle Manufacturer	242	Toyota	more
V404 — Vehicle Body Code	26	—	—
V405 — Make/Model Code	1613	Corolla	more
V406 — Model Year	2000	—	—
V407 — Vehicle Mass	001145 kg	—	—
V408 — Odometer Reading	888888	—	—
V409 — Number of Occupants	01	—	—
V410 — Traveling Speed	999	Unknown	more
V411 — Body Type	14	4-door sedan	more
V412 — Stolen Vehicle	8	Not currently collected	more
V413 — Body Structure	2	Unitized	more
V414 — Transmission Type	1	Automatic	more
V415 — Transmission Lever Location	2	Console	more
V416 — Steering	1	Power	more
V417 — Brakes	1	Power	more
V418 — Brake Type	9	Unknown	more
V419 — Brake Anti-lock Device	9	Unknown	more
V420 — Air Conditioning in Vehicle	8	Not currently collected	more
V421 — Drive Type	2	Front wheel	more
V422 — Dual Rear Wheels	0	No	more
V423 — Original Restraint System Type	3	Airbag	more

V424 — Equipped With Roll Bar	0	No	more
V425 — Roof Type	1	Solid	more
V426 — Wheelbase	247 cm	—	—
V427 — Anti-lacerative Glass	0	None	more
V428 — Average Track Width	146 cm	—	—
V429 — Overall Length	442 cm	—	—
V430 — Overall Width (OAW)	170 cm	—	—
V431 — Front Overhang	090 cm	—	—
V432 — Rear Overhang	107 cm	—	—
V433 — Undeformed End Width (UEW)	144 cm	—	—
V434 — Engine Displacement	1.8 <i>l</i>	—	—
V435 — Engine: Number of Cylinders	04	—	—
V436 — Direct Damage Length (DDL)	070 cm	—	—
V437 — Front End Overlap % (FEO)	49	—	—
V438 — Vehicle Overlap % (VOL)	49	—	—

Case Vehicle

Damage

Description

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	056 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	more
V503 — Maximum Crush - Rear	000 cm	No crush (or less than 1 cm.)	more
V504 — Maximum Crush - Left Side	000 cm	No crush (or less than 1 cm.)	more
V505 — Maximum Crush - Roof	000 cm	No crush (or less than 1 cm.)	more
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	more
V507 — Are Events In Chronological Order	1	Yes	more
V508 — Event 1 Impact Location	1	On Roadway	more
V509 — Event 1 Impact Configuration	11	FRONT of case veh - FRONT of contacted Vehicle	more
V510 — Event 1 Object/Vehicle Contacted	43	Transit bus (intracity)	more
V511 — Event 2 Impact Location	8	No 2nd event	more
V512 — Event 2 Impact Configuration	88	No 2nd event	more
V513 — Event 2 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V514 — Event 3 Impact Location	8	No 3rd event	more
V515 — Event 3 Impact Configuration	88	No 3rd event	more
V516 — Event 3 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V517 — Event 4 Impact Location	8	No 4th event	more
V518 — Event 4 Impact Configuration	88	No 4th event	more

V519 — Event 4 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V520 — Event 5 Impact Location	8	No 5th event	more
V521 — Event 5 Impact Configuration	88	No 5th event	more
V522 — Event 5 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V523 — Event 6 Impact Location	8	No 6th event	more
V524 — Event 6 Impact Configuration	88	No 6th event	more
V525 — Event 6 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V526 — Event 7 Impact On Road	8	No 7th event	more
V527 — Event 7 Impact Configuration	88	No 7th event	more
V528 — Event 7 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V529 — Primary CDC Case Vehicle -event Number	1	Event 1	more
V530 — Primary CDC Case Vehicle - impact speed	999	Unknown	more
V531 — Primary CDC Case Vehicle - Estimated By	1	Investigator	more
V532 — Primary CDC Case Vehicle -crush	056	—	—
V533 — Primary CDC Case Vehicle -clock #1	11	11 o'clock	more
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	more
V535 — Primary CDC Case Vehicle letter 2 #1	25	Y - Side or end (F + P or L + C)	more
V536 — Primary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	more
V537 — Primary CDC Case Vehicle letter 4 #1	23	W - Wide impact area	more
V538 — Primary CDC Case Vehicle Extent #1	03	Extent 3	more
V539 — Primary CDC Case Vehicle -CDC #1	11FYEW3	—	—

V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V546 — Primary CDC Case Vehicle -CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	999	Unknown	more
V548 — Primary CDC Contacted Vehicle - Estimated By	1	Investigator	more
V549 — Primary CDC Contacted Vehicle -crush	005	—	—
V550 — Primary CDC Contacted Vehicle -clock #1	99	Unknown or no damage	more
V551 — Primary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	more
V552 — Primary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	more
V553 — Primary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	more
V554 — Primary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	more
V555 — Primary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	more
V556 — Primary CDC Contacted Vehicle -CDC #1	9900000	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more

V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	8	Not applicable	more
V565 — Secondary CDC Case Vehicle - Impact Speed	998	Not Applicable	more
V566 — Secondary CDC Case Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	more
V567 — Secondary CDC Case Vehicle -crush	998	Not Applicable	more
V568 — Secondary CDC Case Vehicle -clock #1	98	Not Applicable	more
V569 — Secondary CDC Case Vehicle letter 1 #1	00	Missing Data/Not applicable	more
V570 — Secondary CDC Case Vehicle letter 2 #1	00	Missing Data/Not applicable	more
V571 — Secondary CDC Case Vehicle letter 3 #1	00	Missing Data/Not applicable	more
V572 — Secondary CDC Case Vehicle letter 4 #1	00	Missing Data/Not applicable	more
V573 — Secondary CDC Case Vehicle Extent #1	00	Missing Data/Not applicable	more
V574 — Secondary CDC Case Vehicle -CDC #1	9800000	—	—
V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V577 — Secondary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V581 — Secondary CDC Case Vehicle -CDC #2	9800000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact Speed	998	Not Applicable	more

V583 — Secondary CDC Contacted Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	more
V584 — Secondary CDC Contacted Vehicle -crush	998	Not Applicable	more
V585 — Secondary CDC Contacted Vehicle -clock #1	98	Not Applicable	more
V586 — Secondary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	more
V587 — Secondary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	more
V588 — Secondary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	more
V589 — Secondary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	more
V590 — Secondary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	more
V591 — Secondary CDC Contacted Vehicle -CDC #1	9800000	—	—
V593 — Secondary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V594 — Secondary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V595 — Secondary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V596 — Secondary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V597 — Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V598 — Secondary CDC Contacted Vehicle -CDC #2	9800000	—	—

Crash Severity

Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	1	—	—
V602 — Primary Impact Total Delta-V	999	Unknown	more
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	9999	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	9999	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	9999	—	—
V606 — Primary Impact Case Vehicle -reconstruction	11	Beyond Scope	more
V607 — Primary Case Vehicle Reconstruction Mode	5	Not reconstructed	more
V608 — Primary Contacted Vehicle Reconstructed Total Delta-V	999	Unknown	more
V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V	9999	—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V	9999	—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	9999	—	—
V612 — Case Vehicle Secondary Impact Number	8	—	—
V613 — Secondary Case Vehicle Reconstructed Total Delta-V	888	N/A	more
V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V615 — Secondary Case Vehicle Reconstructed Lateral Delta-V	8888	—	—
V616 — Secondary Case Vehicle Reconstructed Crush Energy	8888	—	—
V617 — Secondary Case Vehicle Reconstruction Note	88	—	—

V618 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	more
V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V	888	N/A	more
V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V	8888	—	—
V622 — Secondary Contacted Vehicle Reconstructed Crush Energy	8888	—	—
V623 — Case Vehicle Primary Impact Number	1	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	039 kph	—	—
V625 — Primary Case Vehicle Reconstructed Longitudinal EBS	-033 kph	—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	0019 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0087 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	23	Reconstructed, high confidence level	more
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V630 — Primary Contacted Vehicle Reconstruction Total EBS	999	Unknown	more
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	9999	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	9999	—	—
V633 — Primary Contacted Vehicle Reconstruction Crush Energy	9999	—	—
V634 — Case Vehicle Secondary Impact Number	8	Not applicable	more
V635 — Secondary Case Vehicle Reconstruction Total EBS	888	N/A	more
V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS	8888	—	—
V637 — Secondary Case Vehicle Reconstruction Lateral EBS	8888	—	—

V638 — Secondary Case Vehicle Reconstruction Crush Energy	8888	—	—
V639 — Secondary Case Vehicle Reconstruction Note	88	—	—
V640 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	more
V641 — Secondary Contacted Vehicle Reconstruction Total EBS	888	N/A	more
V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS	8888	—	—
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	8888	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper	more
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	070 cm	—	—
V648 — Case Vehicle Impact 1 Max Crush	056 cm	—	—
V649 — Case Vehicle Impact 1 Field-L	094 cm	—	—
V650 — Case Vehicle Impact 1 C1	056 cm	—	—
V651 — Case Vehicle Impact 1 C2	045 cm	—	—
V652 — Case Vehicle Impact 1 C3	036 cm	—	—
V653 — Case Vehicle Impact 1 C4	030 cm	—	—
V654 — Case Vehicle Impact 1 C5	022 cm	—	—
V655 — Case Vehicle Impact 1 C6	007 cm	—	—
V656 — Case Vehicle Impact 1 +/- D	-037 cm	—	—
V657 — Case Vehicle Reconstructed Impact Number	1	—	—
V658 — Case Vehicle Impact 2 Plane	1	Bumper	more
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	100 cm	—	—
V660 — Case Vehicle Impact 2 Max	005 cm	—	—

Crush			
V661 — Case Vehicle Impact 2 Field-L	999	Unknown	more
V662 — Case Vehicle Impact 2 C1	999	Unknown	more
V663 — Case Vehicle Impact 2 C2	999	Unknown	more
V664 — Case Vehicle Impact 2 C3	999	Unknown	more
V665 — Case Vehicle Impact 2 C4	999	Unknown	more
V666 — Case Vehicle Impact 2 C5	999	Unknown	more
V667 — Case Vehicle Impact 2 C6	999	Unknown	more
V668 — Case Vehicle Impact 2 +/- D	0999 cm	—	—
V669 — Other Vehicle Reconstructed Impact Number	2	—	—
V670 — Other Vehicle Impact 1 Plane	8	Not applicable	more
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	998	Not applicable	more
V672 — Other Vehicle Impact 1 Max Crush	998	Not applicable	more
V673 — Other Vehicle Impact 1 Field-L	998	Not applicable	more
V674 — Other Vehicle Impact 1 C1	998	Not applicable	more
V675 — Other Vehicle Impact 1 C2	998	Not applicable	more
V676 — Other Vehicle Impact 1 C3	998	Not applicable	more
V677 — Other Vehicle Impact 1 C4	998	Not applicable	more
V678 — Other Vehicle Impact 1 C5	998	Not applicable	more
V679 — Other Vehicle Impact 1 C6	998	Not applicable	more
V680 — Other Vehicle Impact 1 +/- D	9998	—	—
V681 — Other Vehicle Reconstructed Impact Number	2	—	—
V682 — Other Vehicle Impact 2 Plane	8	Not applicable	more
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	998	Not applicable	more
V684 — Other Vehicle Impact 2 Max Crush	998	Not applicable	more

V685 — Other Vehicle Impact 2 Field-L	998	Not applicable	more
V686 — Other Vehicle Impact 2 C1	998	Not applicable	more
V687 — Other Vehicle Impact 2 C2	998	Not applicable	more
V688 — Other Vehicle Impact 2 C3	998	Not applicable	more
V689 — Other Vehicle Impact 2 C4	998	Not applicable	more
V690 — Other Vehicle Impact 2 C5	998	Not applicable	more
V691 — Other Vehicle Impact 2 C6	998	Not applicable	more
V692 — Other Vehicle Impact 2 +/- D	9998	—	—

Case Vehicle

Tires & Rims

Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	1	Yes	more
V702 — Right Front Wheel Damaged	1	Yes	more
V703 — Right Rear Wheel Damaged	0	No	more
V704 — Left Rear Wheel Damaged	0	No	more
V705 — Left Front Tire Tread Type	4	All Weather	more
V706 — Right Front Tire Tread Type	4	All Weather	more
V707 — Right Rear Tire Tread Type	4	All Weather	more
V708 — Left Rear Tire Tread Type	4	All Weather	more
V709 — Left Front Carcass Construction	3	Radial	more
V710 — Right Front Carcass Construction	3	Radial	more
V711 — Right Rear Carcass Construction	3	Radial	more
V712 — Left Rear Carcass Construction	3	Radial	more
V717 — Left Front Tire Size	P17565R14	—	—
V718 — Right Front Tire Size	P17565R14	—	—
V719 — Right Rear Tire Size	P17565R14	—	—
V720 — Left Rear Tire Size	P17565R14	—	—

Case Vehicle

Fuel, Tank, Fire

Variable Number and Name	Code Value	Code Description	Other Options
V801 — Propulsive Fuel Type	1	Gasoline	more
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	more
V803 — Main Filler Cap Location	113	Left of frame laterally - above vertically	more
V804 — Main Tank Material	1	Steel	more
V805 — Aux Tank Type	8	Not applicable (not equipped)	more
V806 — Aux Tank Location	888	Not applicable (not equipped)	more
V807 — Aux Filler Cap Location	888	Not applicable (not equipped)	more
V808 — Aux Tank Material	8	Not applicable	more
V901 — Fuel Leakage From Crash	0	No	more
V1001 — Fire In Or On Case Vehicle	0	No	more

Case Vehicle

Exterior

Variable Number and Name	Code Value	Code Description	Other Options
V1101 — Hood Latch Released	0	No	more
V1102 — Hood Latch Damaged	1	Yes	more
V1103 — Hood Latch Jammed	1	Yes	more
V1104 — Left Hood Hinge Damaged	1	Yes	more
V1105 — Left Hood Hinge Separated	1	Yes	more
V1106 — Right Hood Hinge Damaged	1	Yes	more
V1107 — Right Hood Hinge Separated	0	No	more
V1108 — Hood Remained On Vehicle	1	Yes	more
V1109 — Rear Hood Edge Elevated	1	Yes	more
V1110 — Edge Contacted Windshield	9	Unknown	more
V1111 — Edge Penetrated Windshield	9	Unknown	more
V1112 — Hood Latch Location	1	Front of Vehicle	more
V1113 — Eng/Transmissn Mount Separation	0	No	more
V1114 — Steerng Column Flex Coupling	9	Unknown if equipped	more
V1115 — Steerng Column Coupling Damaged	9	Unknown	more
V1116 — Steerng Column Coupling Separated	9	Unknown	more
V1117 — Eng Comp Telescopng Unit	88	Not collected	more
V1118 — Comp Orig/Telescopd Diff	888	Not collected	more

V1119 — Left Side Body Mount Separation	8	Not applicable (unitized)	more
V1120 — Upper Left A-pillar Separation	4	No separation, but damaged	more
V1121 — Lower Left A-pillar Separation	4	No separation, but damaged	more
V1122 — Upper Left B-pillar Separation	0	No	more
V1123 — Lower Left B-pillar Separation	0	No	more
V1124 — Upper Left C-pillar Separation	0	No	more
V1125 — Lower Left C-pillar Separation	0	No	more
V1126 — Upper Left D-pillar Separation	8	Not applicable (not equipped)	more
V1127 — Lower Left D-pillar Separation	8	Not applicable (not equipped)	more
V1128 — Left Front Door Opening Cause	0	Door did not open	more
V1129 — Left Rear Door Opening Cause	0	Door did not open	more
V1130 — Left Front Door Jammed Closed	1	Yes	more
V1131 — Left Rear Door Jammed Closed	0	No	more
V1132 — Rear Door Type	0	No door (includes pickups)	more
V1133 — Rear Door Opening Cause	8	Not applicable (no rear door)	more
V1134 — Rear Door Jammed Closed	8	Not applicable (no rear door)	more
V1135 — Luggage Partition Damagd	0	No	more
V1136 — Spare Tire Status	8	Not collected	more
V1137 — Trailer Hitch Type	0	No hitch	more
V1138 — Trailer Type	0	No trailer	more
V1139 — Right Side Body Mount Separation	8	Not applicable (unitized)	more

V1140 — Upper Right A-pillar Separation	0	No	more
V1141 — Lower Right A-pillar Separation	0	No	more
V1142 — Upper Right B-pillar Separation	0	No	more
V1143 — Lower Right B-pillar Separation	0	No	more
V1144 — Upper Right C-pillar Separation	0	No	more
V1145 — Lower Right C-pillar Separation	0	No	more
V1146 — Upper Right D-pillar Separation	8	Not applicable (not equipped)	more
V1147 — Lower Right D-pillar Separation	8	Not applicable (not equipped)	more
V1148 — Right Front Door Opening Cause	00	Door did not open	more
V1149 — Right Rear Door Opening Cause	00	Door did not open	more
V1150 — Right Front Door Jammed Closed	1	Yes	more
V1151 — Right Rear Door Jammed Closed	1	Yes	more
V1152 — Van Rear Door Type	8	Not applicable (not a van)	more
V1153 — Windshield Cracked		Yes	more
V1154 — Windshield Broken	1	Yes	more
V1155 — Windshield Cracked or Broken by Occupant	0	No	more
V1156 — Bond Separation Extent	9	Unknown if separated	more
V1157 — Windshield Code		—	—
V1158 — Did Sun/T Roof Open	8	Not Applicable	more

Case Vehicle

Steering

Column/Rim

Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	0	None	more
V1202 — Number of Steering Wheel Spokes	4	4 spokes	more
V1203 — Steering Wheel Spoke Damage	1	Deformed slightly	more
V1204 — Column Tilt Feature	3	Middle	more
V1205 — Column Swing-away Feature	0	Not equipped	more
V1206 — Column Telescoping Feature	0	Not equipped	more
V1207 — Wheel Energy Absorb Device	8	Not collected	more
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	more
V1209 — Column Energy Absorb Device	88	Not collected	more
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	more
V1211 — Shear Capsule Separation	888	Not collected	more
V1212 — Column Vertical Rotation	0	No apparent rotation	more
V1213 — Column Lateral Rotation	0	No apparent rotation	more
V1214 — Steering Wheel Hub Damage	0	None	more

Case Vehicle

Intrusion

Variable Number and Name	Code Value	Code Description	Other Options
V1301 — Occupant Compartment Intrusion	1	Yes	more
V1302 — Was Intrusion Catastrophic	0	No	more
V1303 — Intrusion Number 01	01	Intrusion #1	more
V1304 — Intrusion 01 Occupant Space Number	11	First row, Left seat	more
V1305 — Intrusion 01 Intruding Object	01	Instrument panel	more
V1306 — Intrusion 01 Assoc Event Number	1	Event #1	more
V1307 — Intrusion 01 Max Intrusion X-axis	21 cm	—	—
V1308 — Intrusion 01 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1309 — Intrusion 01 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1310 — Intrusion 01 Occupant Number	01	Occupant number 1, contact	more
V1311 — Intrusion 01 Injury Number	12	Injury #12	more
V1312 — Intrusion 01 Occupant Number	01	Occupant number 1, contact	more
V1313 — Intrusion 01 Injury Number	11	Injury #11	more
V1314 — Intrusion Number 02	02	Intrusion #2	more
V1315 — Intrusion 02 Occupant Space Number	11	First row, Left seat	more
V1316 — Intrusion 02 Intruding Object	03	Toe pan	more
V1317 — Intrusion 02 Assoc Event Number	1	Event #1	more

V1318 — Intrusion 02 Max Intrusion X-axis	31 cm	—	—
V1319 — Intrusion 02 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1324 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1325 — Intrusion Number 03	03	Intrusion #3	more
V1326 — Intrusion 03 Occupant Space Number	11	First row, Left seat	more
V1327 — Intrusion 03 Intruding Object	05	Steering column	more
V1328 — Intrusion 03 Assoc Event Number	1	Event #1	more
V1329 — Intrusion 03 Max Intrusion X-axis	05 cm	—	—
V1330 — Intrusion 03 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1331 — Intrusion 03 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1332 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1333 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1334 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1335 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1336 — Intrusion Number 04	04	Intrusion #4	more
V1337 — Intrusion 04 Occupant Space Number	11	First row, Left seat	more
V1338 — Intrusion 04 Intruding	08	A-pillar	more

Object			
V1339 — Intrusion 04 Assoc Event Number	1	Event #1	more
V1340 — Intrusion 04 Max Intrusion X-axis	21 cm	—	—
V1341 — Intrusion 04 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1342 — Intrusion 04 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1343 — Intrusion 04 Occupant Number	01	Occupant number 1, contact	more
V1344 — Intrusion 04 Injury Number	01	Injury #1	more
V1345 — Intrusion 04 Occupant Number	01	Occupant number 1, contact	more
V1346 — Intrusion 04 Injury Number	02	Injury #2	more
V1347 — Intrusion Number 05	05	Intrusion #5	more
V1348 — Intrusion 05 Occupant Space Number	12	First row, Center seat	more
V1349 — Intrusion 05 Intruding Object	01	Instrument panel	more
V1350 — Intrusion 05 Assoc Event Number	1	Event #1	more
V1351 — Intrusion 05 Max Intrusion X-axis	09 cm	—	—
V1352 — Intrusion 05 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1353 — Intrusion 05 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1354 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1355 — Intrusion 05 Injury Number	00	No injury or no intrusion	more
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1357 — Intrusion 05 Injury Number	00	No injury or no intrusion	more
V1358 — Intrusion Number 06	00	No Intrusion, None	more

V1359 — Intrusion 06 Occupant Space Number	00	No Intrusion, None	more
V1360 — Intrusion 06 Intruding Object	00	No Intrusion, None	more
V1361 — Intrusion 06 Assoc Event Number	0	No Intrusion, None	more
V1362 — Intrusion 06 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1363 — Intrusion 06 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1364 — Intrusion 06 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1365 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1366 — Intrusion 06 Injury Number	00	No injury or no intrusion	more
V1367 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1368 — Intrusion 06 Injury Number	99	Contact, injury unknown or data not collected	more
V1369 — Intrusion Number 07	00	No Intrusion, None	more
V1370 — Intrusion 07 Occupant Space Number	00	No Intrusion, None	more
V1371 — Intrusion 07 Intruding Object	00	No Intrusion, None	more
V1372 — Intrusion 07 Assoc Event Number	0	No Intrusion, None	more
V1373 — Intrusion 07 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1374 — Intrusion 07 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1375 — Intrusion 07 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1376 — Intrusion 07 Occupant Number	00	No contact or no intrusion	more
V1377 — Intrusion 07 Injury Number	00	No injury or no intrusion	more
V1378 — Intrusion 07 Occupant Number	00	No contact or no intrusion n	more

V1379 — Intrusion 07 Injury Number	99	Contact, injury unknown or data not collected	more
V1380 — Intrusion Number 08	00	No Intrusion, None	more
V1381 — Intrusion 08 Occupant Space Number	00	No Intrusion, None	more
V1382 — Intrusion 08 Intruding Object	00	No Intrusion, None	more
V1383 — Intrusion 08 Assoc Event Number	0	No Intrusion, None	more
V1384 — Intrusion 08 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	more
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	more
V1391 — Intrusion Number 09	00	No Intrusion, None	more
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	more
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	more
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	more
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1399 — Intrusion 09 Injury	00	No injury or no intrusion	more

Number			
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	more
V1402 — Intrusion Number 10	00	No Intrusion, None	more
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	more
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	more
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	more
V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	more
V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	more
V1413 — Door Intrusion Number 01	88	Not Applicable	more
V1414 — Door Intrusion Number 01 Cause	8	Not applicable	more
V1415 — Door Intrusion Number 02	88	Not Applicable	more
V1416 — Door Intrusion Number 02 Cause	8	Not applicable	more
V1417 — Door Intrusion Number 03	88	Not Applicable	more
V1418 — Door Intrusion Number 03 Cause	8	Not applicable	more
V1419 — Door Intrusion 01	88	Not Applicable	more

Component			
V1420 — Door Intrusion 01 Component Damaged 1	8	Not Applicable	more
V1421 — Door Intrusion 01 Component Damaged 2	8	Not Applicable	more
V1422 — Door Intrusion 02 Component	88	Not Applicable	more
V1423 — Door Intrusion 02 Component Damaged 1	8	Not Applicable	more
V1424 — Door Intrusion 02 Component Damaged 2	8	Not Applicable	more
V1425 — Door Intrusion 03 Component	88	Not Applicable	more
V1426 — Door Intrusion 03 Component Damaged 1	8	Not Applicable	more
V1427 — Door Intrusion 03 Component Damaged 2	8	Not Applicable	more
V1428 — Door Intrusion 04 Component	88	Not Applicable	more
V1429 — Door Intrusion 04 Component Damaged 1	8	Not Applicable	more
V1430 — Door Intrusion 04 Component Damaged 2	8	Not Applicable	more

Case Vehicle

Airbag(s)

Variable Number and Name	Code Value	Code Description	Other Options
V1501 — Driver Airbag Equipped	1	Yes	more
V1502 — Driver Airbag Deployed	1	Yes	more
V1503 — Driver Airbag Condition	2	Split or Torn	more
V1504 — Passenger Airbag Equip	1	Yes	more
V1505 — Passenger Airbag Deployed	1	Yes	more
V1506 — Passenger Airbag Condition	0	No Damage	more
V1507 — Steering Wheel Airbag Tether	1	Yes	more
V1508 — Driver Airbag Marked By Contact	1	Yes	more
V1509 — Passenger Airbag Tether	0	No	more
V1510 — Passenger Airbag Marked By Contact	0	No	more

Case Vehicle

Interior

Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	4	Yes, occupant contact	more
V1602 — Right Front Door Damaged	0	No	more
V1603 — Left Front Hardware Damaged	1	Yes	more
V1604 — Right Front Hardware Damaged	0	No	more
V1605 — Left Front Armrest Damaged	1	Yes	more
V1606 — Right Front Armrest Damaged	0	No	more
V1607 — Left Front Glass Damaged	1	Yes	more
V1608 — Right Front Glass Damaged	0	No	more
V1609 — Left Rear Door Area Damaged	0	No	more
V1610 — Right Rear Door Area Damaged	0	No	more
V1611 — Left Rear Hardware Damaged	0	No	more
V1612 — Right Rear Hardware Damaged	0	No	more
V1613 — Left Rear Armrest Damaged	0	No	more
V1614 — Right Rear Armrest Damaged	0	No	more
V1615 — Left Rear Glass Damaged	1	Yes	more
V1616 — Right Rear Glass Damaged	0	No	more
V1617 — Left Roof Side Rail Damaged	0	No	more

V1618 — Right Roof Side Rail Damaged	0	No	more
V1619 — Left B-pillar Damaged	1	Yes	more
V1620 — Right B-pillar Damaged	0	No	more
V1621 — Left C-pillar Damaged	0	No	more
V1622 — Right C-pillar Damaged	0	No	more
V1623 — Left D-pillar Damaged	8	Not applicable	more
V1624 — Right D-pillar Damaged	8	Not applicable	more
V1625 — Left Headlining Damaged	0	No	more
V1626 — Right Headlining Damaged	0	No	more
V1627 — Left Roof Structure Damaged	0	No	more
V1628 — Right Roof Structure Damaged	0	No	more
V1629 — Left T/Sun Roof Damaged	8	Not applicable	more
V1630 — Right T/Sun Roof Damaged	8	Not applicable	more
V1631 — Other Left Side Item Damaged	8	Not applicable	more
V1632 — Other Right Side Item Damaged	8	Not applicable	more
V1633 — Foot Controls Damaged	1	Yes	more
V1634 — Ignition Key Damaged	0	No	more
V1635 — Rear View Mirror Damaged	0	No	more
V1636 — Sunvisor/Fitting Damaged	0	No	more
V1637 — Windshield Molding Damaged	0	No	more
V1638 — Left A-pillar Damaged	4	Yes, occupant contact	more
V1639 — Right A-pillar Damaged	0	No	more
V1640 — Center Console Damaged	1	Yes	more

V1641 — Transmission Lever Damaged	0	No	more
V1642 — Horn/Spoke Shroud Damaged	1	Yes	more
V1643 — Upper Panel Damaged	1	Yes	more
V1644 — Mid Panel Damaged	4	Yes, occupant contact	more
V1645 — Lower Panel Damaged	4	Yes, occupant contact	more
V1646 — Ashtray Damaged	0	No	more
V1647 — Control Knob/Lever Damaged	1	Yes	more
V1648 — Glove Compartment Area Damaged	1	Yes	more
V1649 — Instruments Damaged	0	No	more
V1650 — Park Brake Release Damaged	0	No	more
V1651 — Park Brake Pedal Damaged	1	Yes	more
V1652 — A/C Or Upper Vent Damaged	4	Yes, occupant contact	more
V1653 — Heater Or A/C Duct Damaged	1	Yes	more
V1654 — Radio Damaged	0	No	more
V1655 — Other Item Damaged	0	No	more
V1656 — Rear Window Damaged	0	No	more
V1657 — Rear Window Header Damaged	0	No	more
V1658 — Vertical Console Damaged	1	Yes	more
V1659 — Roof Console Damaged	0	No	more

Case Vehicle

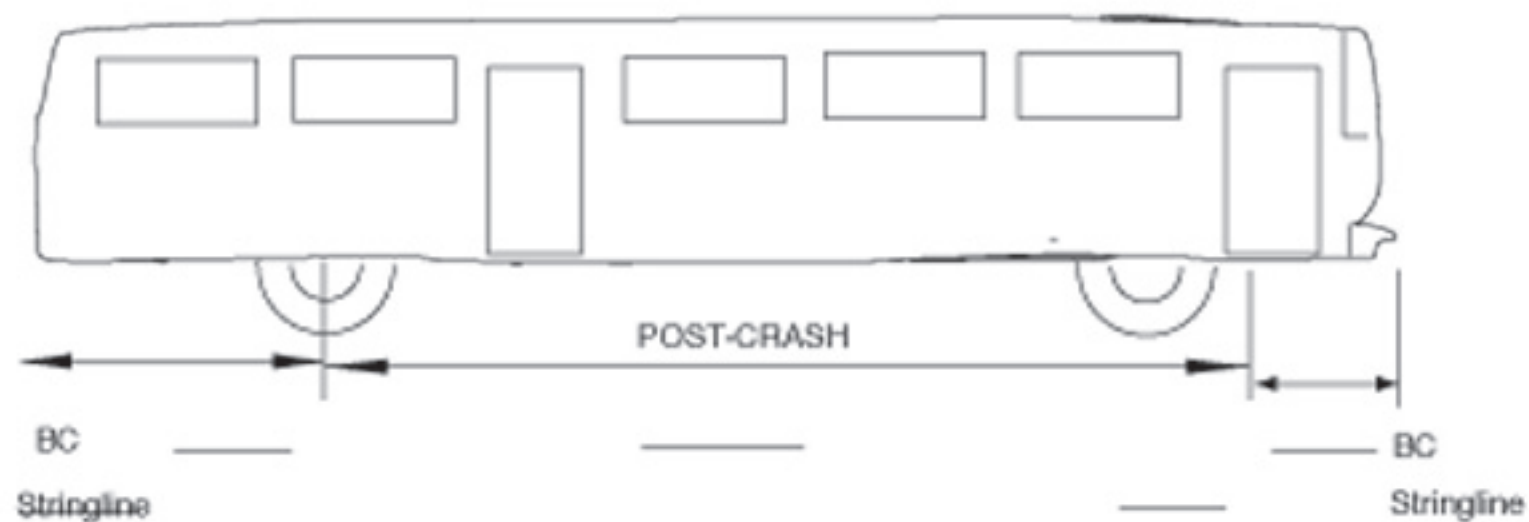
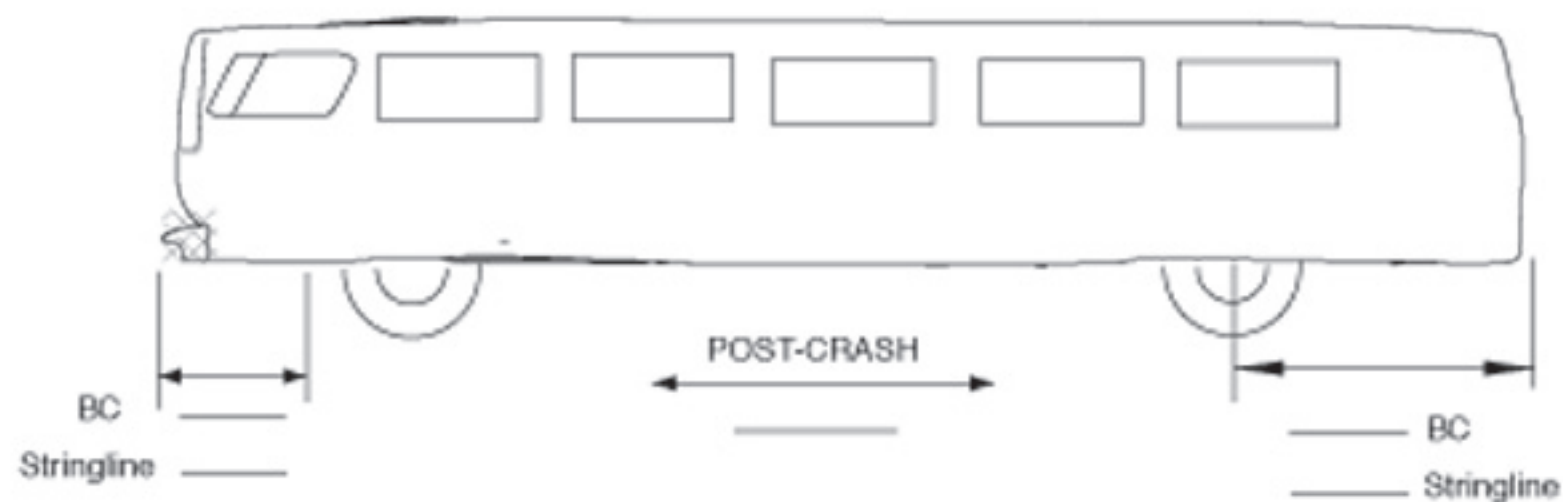
Seats

Variable Number and Name	Code Value	Code Description	Other Options
V1701 — Driver Front Seat Type	05	Bucket	more
V1702 — Passenger Front Seat Type	05	Bucket	more
V1703 — Driver Seat Mount Type	1	Standard	more
V1704 — Passenger Seat Mount Type	1	Standard	more
V1705 — Driver Swivel Mechanism Equipped	0	No	more
V1706 — Passenger Swivel Mechanism Equipped	0	No	more
V1707 — Driver Seat Original Equipment	1	Yes	more
V1708 — Passenger Seat Original Equipment	1	Yes	more
V1709 — Driver Seat/Rear Occupant Contact	8	Not applicable	more
V1710 — Passenger Seat/Rear Occupant Contact	8	Not applicable	more
V1711 — Driver Seat Damage	3	Backrest and cushion damaged	more
V1712 — Passenger Seat Damage	0	None	more
V1713 — Center Front Armrest Damaged	0	No	more
V1714 — Driver Seat Rotation	5	Multiple rotations	more
V1715 — Passenger Seat Rotation	0	None apparent	more
V1716 — Driver Seat-back Type	3	Reclining	more
V1717 — Passenger Seat-back Type	3	Reclining	more
V1718 — Driver Seat-back Lock Type	1	Manual	more
V1719 — Passenger Seat-back Lock Type	1	Manual	more
V1720 — Driver Seat-back Lock Held	1	Yes	more

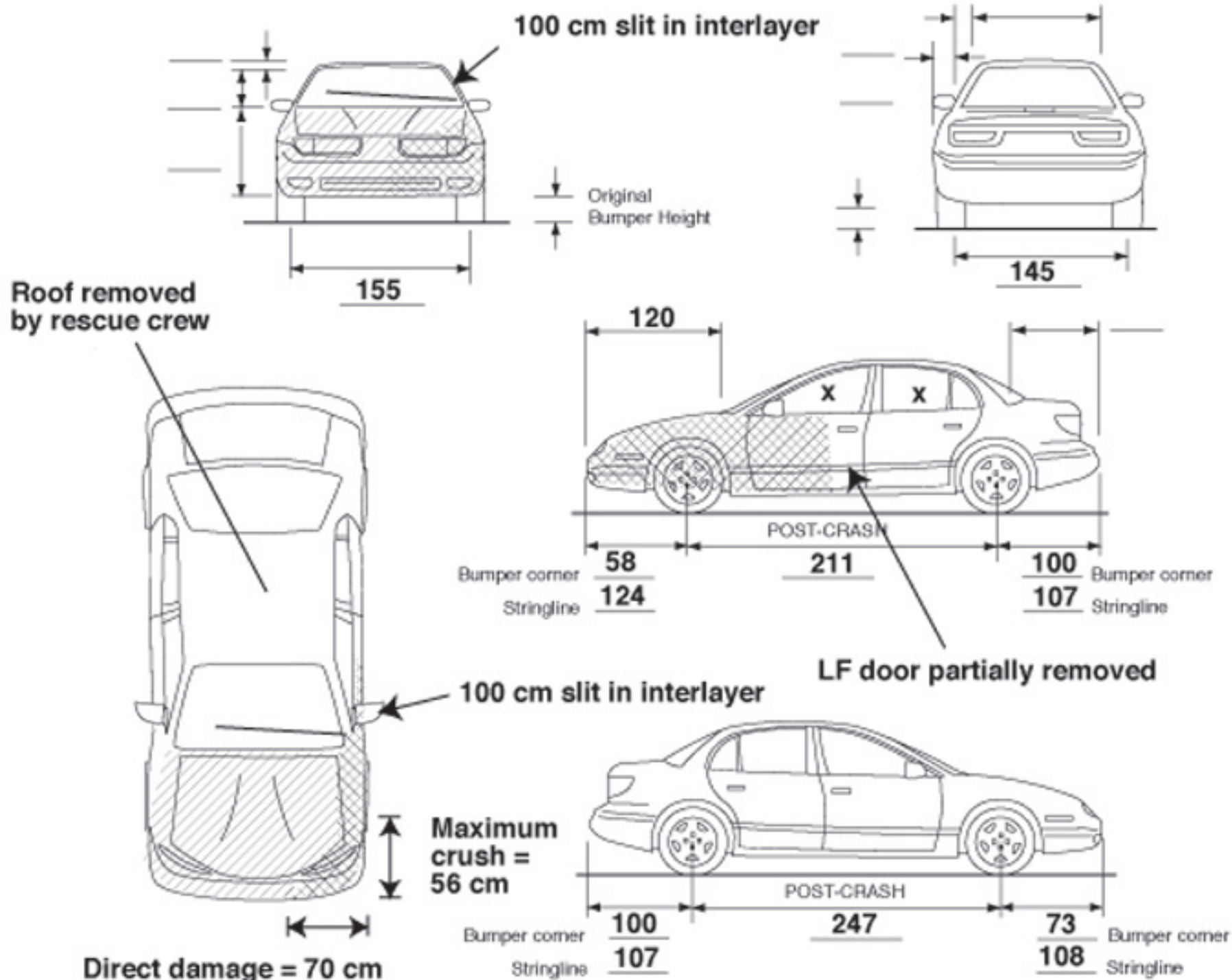
V1721 — Passenger Seat-back Lock Held	1	Yes	more
V1722 — Driver Recliner Mechanism Held	1	Yes	more
V1723 — Passenger Recliner Mechanism Held	1	Yes	more
V1724 — Driver Head Restraint Type	1	Adjustable	more
V1725 — Passenger Head Restraint Type	1	Adjustable	more
V1726 — Driver Head Rest Removed	0	No	more
V1727 — Passenger Head Rest Removed	0	No	more
V1728 — Driver Head Rest Adjustment	2	Down	more
V1729 — Passenger Head Rest Adjustment	2	Down	more
V1730 — Driver Head Rest Damage	0	None	more
V1731 — Passenger Head Rest Damage	0	None	more
V1732 — Driver Seat Adjustment Type	1	Manual	more
V1733 — Passenger Seat Adjustment Type	1	Manual	more
V1734 — Driver Seat Adjustment Provided	1	2-way	more
V1735 — Passenger Seat Adjustment Provided	1	2-way	more
V1736 — Driver Seat Adjuster Damage	0	None	more
V1737 — Passenger Seat Adjuster Damage	0	None	more
V1738 — Driver Seat Adjuster Separation	8	Not applicable	more
V1739 — Passenger Seat Adjuster Separation	8	Not applicable	more
V1740 — Driver Seat Pre-crash Position	3	Rearward	more
V1741 — Passenger Seat Pre-crash Position	3	Rearward	more
V1742 — Left Rear Seat Type	1	Non-folding	more
V1743 — Right Rear Seat Type	1	Non-folding	more
V1744 — Left Rear Seat Damaged	0	None	more

V1745 — Right Rear Seat Damaged	0	None	more
V1746 — Center Rear Armrest Damaged	8	Not applicable (No Center Armrest)	more
V1747 — Left Rear Seat-back Left Lock Equipped	8	Not applicable	more
V1748 — Right Rear Seat-back Left Lock Equipped	8	Not applicable	more
V1749 — Left Rear Seat-back Left Lock Held	8	Not applicable	more
V1750 — Right Rear Seat-back Left Lock Held	8	Not applicable	more
V1751 — Left Rear Seat-back Right Lock Equipped	8	Not applicable	more
V1752 — Right Rear Seat-back Right Lock Equipped	8	Not applicable	more
V1753 — Left Rear Seat-back Right Lock Held	8	Not applicable	more
V1754 — Right Rear Seat-back Right Lock Held	8	Not applicable	more
V1755 — Left 3rd Seat Equipped	0	No	more
V1756 — Right 3rd Seat Equipped	0	No	more
V1757 — Left 3rd Seat Backrest Damaged	8	Not applicable	more
V1758 — Right 3rd Seat Backrest Damaged	8	Not applicable	more
V1759 — Left 3rd Seat Cushion Damaged	8	Not applicable	more
V1760 — Right 3rd Seat Cushion Damaged	8	Not applicable	more
V1761 — Rear Head Restraints	1	Equipped	more

MEASUREMENTS IN CENTIMETERS

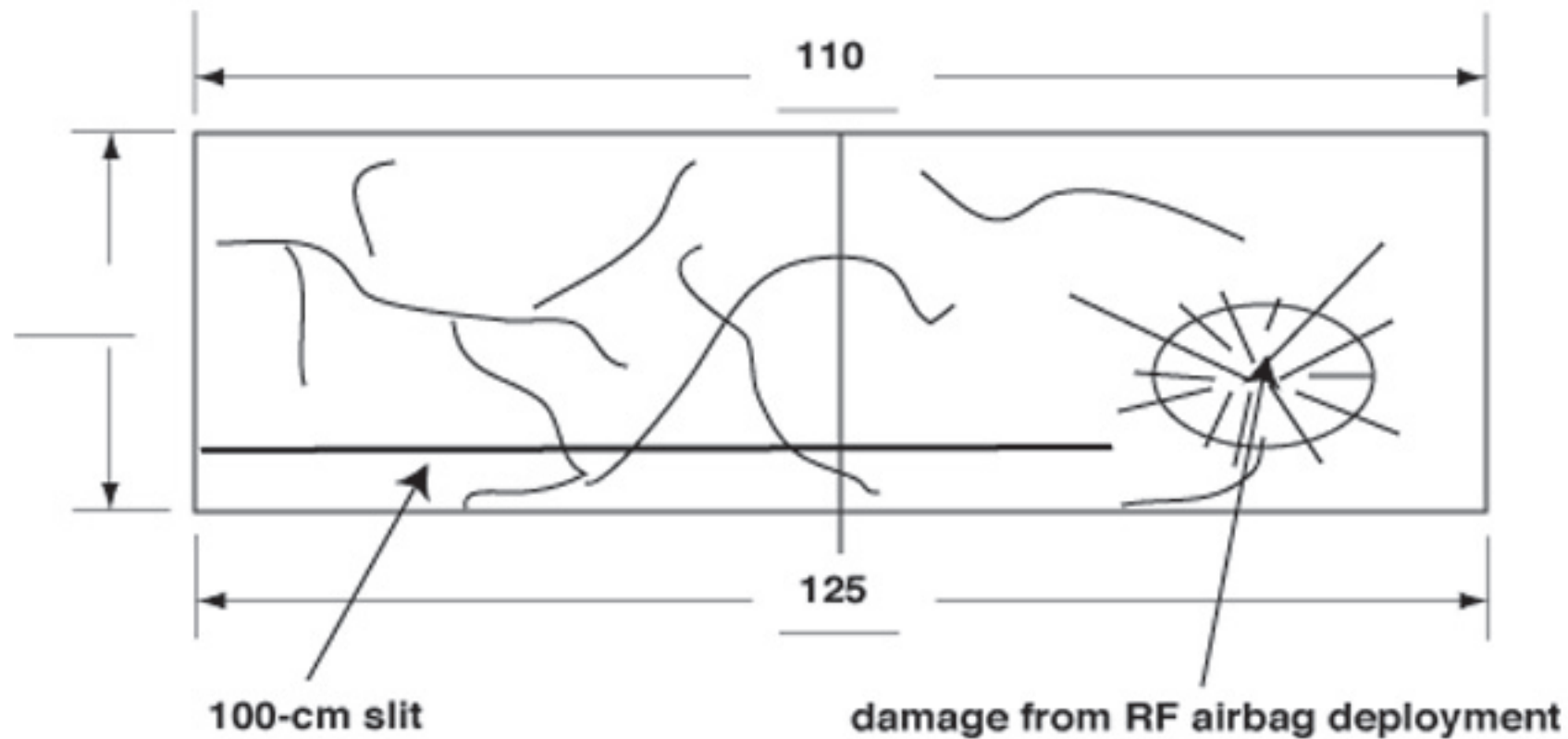


MEASUREMENTS IN CENTIMETERS



WINDSHIELD MARK ON CASE VEHICLE:

Unable to read W/S mark



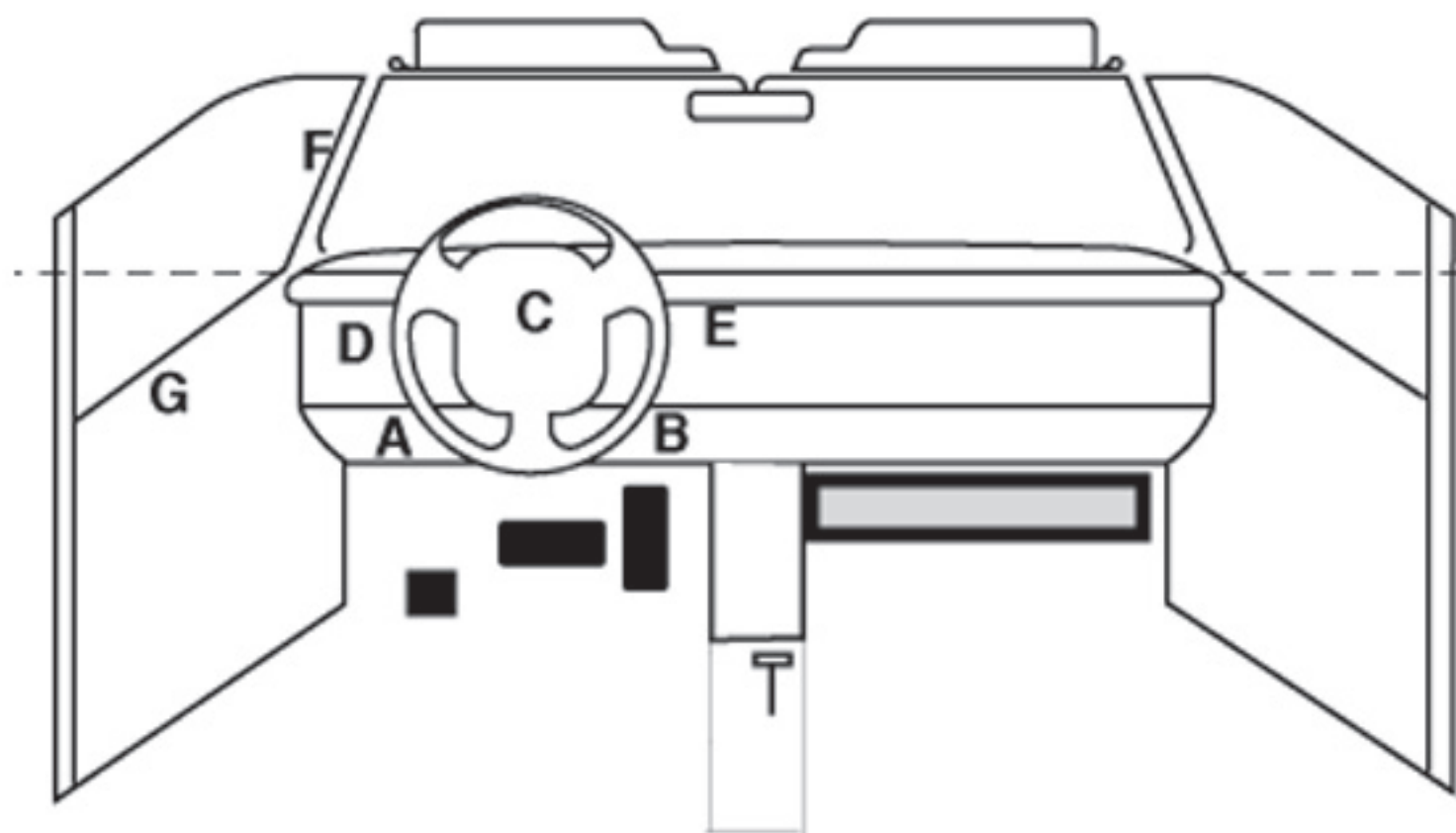
1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)				Dominant Crush Direction
		Comparison Value	–	Intruded Value	= Intrusion	
LF	toe pan @ left foot	105	–	74	= 31	to rear
LF	knee bolster	60	–	42	= 18	to rear
LF	IP	56	–	35	= 21	to rear
LF	SW column	50	–	45	= 5	to rear
LF	upper A-pillar	56	–	35	= 21	to rear
CF	vertical console	56	–	47	= 9	to rear
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Knee bolster	1	Left knee	Scuff mark	1
B	Knee bolster	1	Right knee	Scuff mark	1
C	SW airbag	1	Face	Blood transfer	1
D	IP	1	Chest	Scuff mark	2
E	IP	1	Unk.	Cloth transfer	2
F	A-pillar	1	face	Blood transfers	1
G	LF door	1	Unk.	Scuff marks	1
H					
I					
J					
K					
L					
M					



A = knee bolster, scuff mark

B = knee bolster, scuff mark

C = airbag, blood transfers

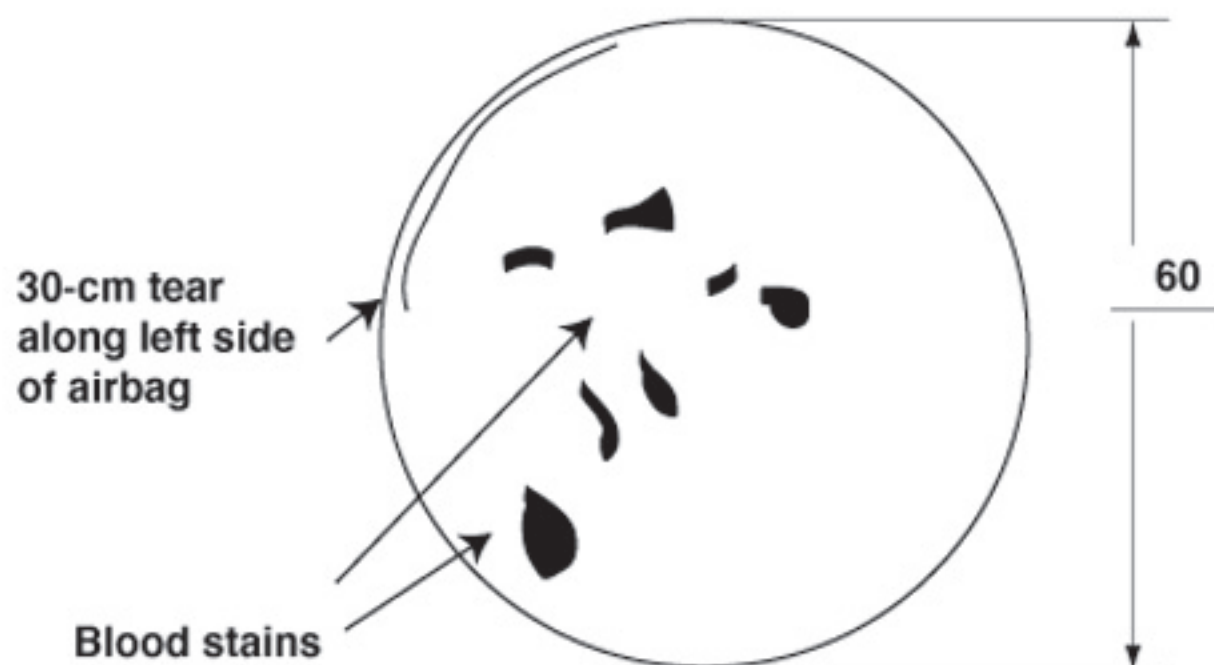
D = IP, scuff mark

E = IP, cloth transfer

F = A-pillar, scuff mark

G = driver door panel, scuff marks, deformed

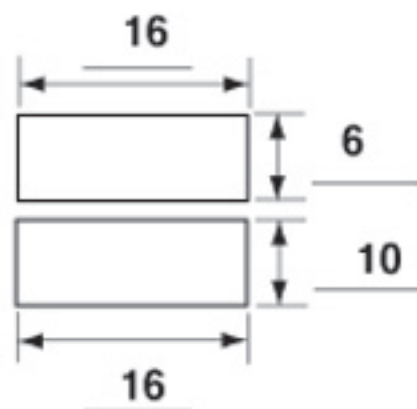
Driver Airbag



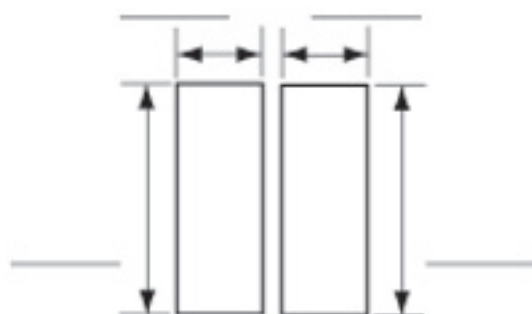
Vents: ☒ Y ☐ N
if yes, how many: 2

Tethers: ☒ Y ☐ N
if yes, how many: 2

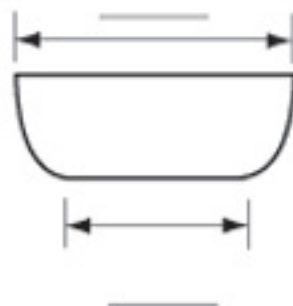
Driver Airbag Doors



H-Pattern

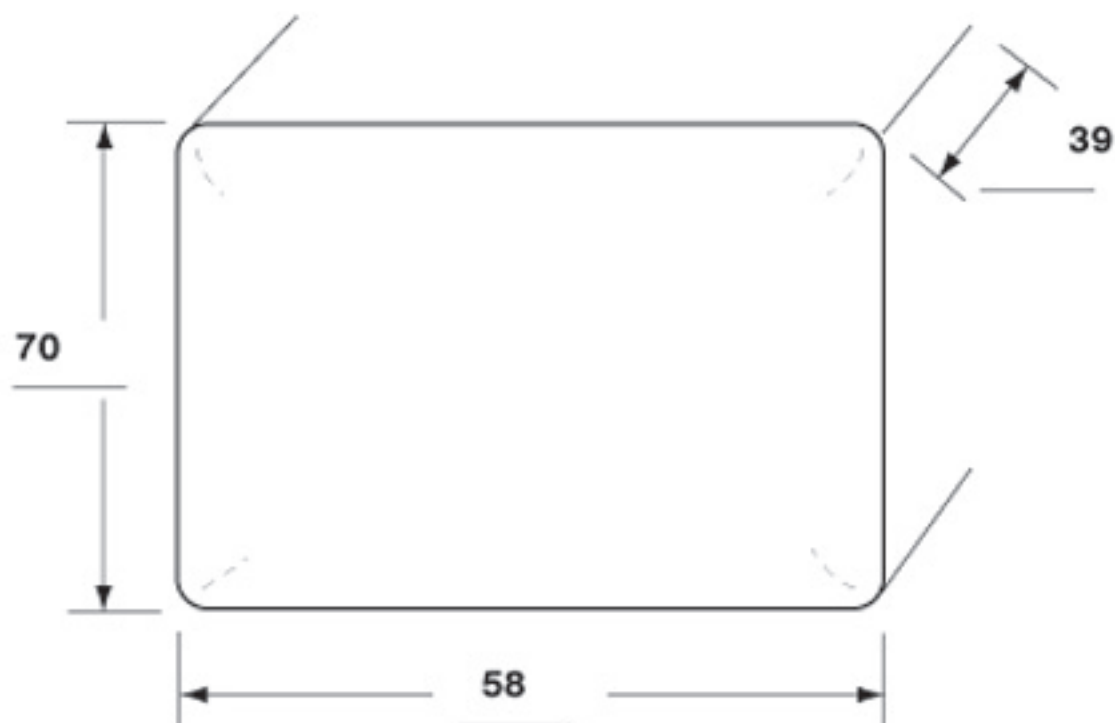


I-Pattern



Single Door

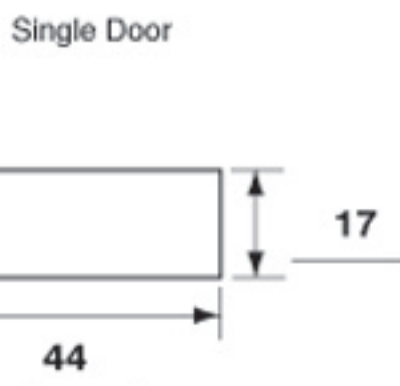
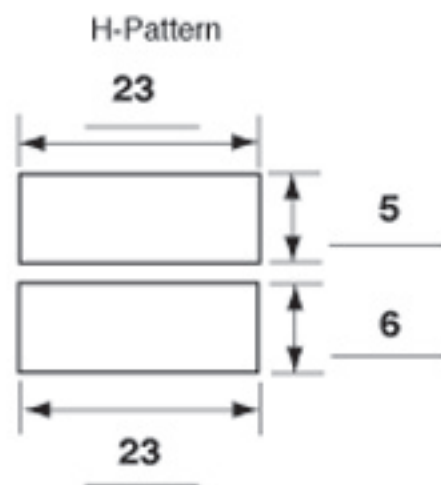
Passenger Airbag



Vents: ☒ Y ☐ N
if yes, how many: 2

Tethers: Y ☒ N ☐
if yes, how many: 0

Passenger Airbag Doors



Case # 355: Occupant # 1; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	more
V2102 — 1st Prob Contact Area	14	A-pillar	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	06	Fracture	more
V2107 — Primary OIC -system/Organ	19	Skeletal	more
V2108 — Primary OIC -severity	2	Moderate	more
V2109 — Primary OIC	FLFS2	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	more
V2102 — 1st Prob Contact Area	14	A-pillar	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	09	Inferior/lower	more
V2106 — Primary OIC -lesion	22	Avulsion	more
V2107 — Primary OIC -system/Organ	19	Skeletal	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	FIVS1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	more
V2102 — 1st Prob Contact Area	14	A-pillar	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	09	Inferior/lower	more
V2106 — Primary OIC -lesion	12	Laceration	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	FIL11	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1; Injury # 4

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	04	Injury #4	more
V2102 — 1st Prob Contact Area	14	A-pillar	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	09	Inferior/lower	more
V2106 — Primary OIC -lesion	01	Abrasion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	FIAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1; Injury # 5

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	05	Injury #5	more
V2102 — 1st Prob Contact Area	34	Restraint system webbing	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	19	Shoulder	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	SLCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1; Injury # 6

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	06	Injury #6	more
V2102 — 1st Prob Contact Area	34	Restraint system webbing	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	13	Abdomen	more
V2105 — Primary OIC -aspect	23	Whole region	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	MWCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1; Injury # 7

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	07	Injury #7	more
V2102 — 1st Prob Contact Area	86	Vertical console	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	18	Forearm	more
V2105 — Primary OIC -aspect	18	Right	more
V2106 — Primary OIC -lesion	01	Abrasion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	RRAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1; Injury # 8

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	08	Injury #8	more
V2102 — 1st Prob Contact Area	86	Vertical console	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	23	Wrist/hand	more
V2105 — Primary OIC -aspect	18	Right	more
V2106 — Primary OIC -lesion	06	Fracture	more
V2107 — Primary OIC -system/Organ	19	Skeletal	more
V2108 — Primary OIC -severity	2	Moderate	more
V2109 — Primary OIC	WRFS2	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1; Injury # 9

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	09	Injury #9	more
V2102 — 1st Prob Contact Area	48	Knee restraint	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	11	Knee	more
V2105 — Primary OIC -aspect	18	Right	more
V2106 — Primary OIC -lesion	01	Abrasion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	KRAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1; Injury #10

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	10	Injury #10	more
V2102 — 1st Prob Contact Area	48	Knee restraint	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	11	Knee	more
V2105 — Primary OIC -aspect	18	Right	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	KRCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1; Injury #11

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	11	Injury #11	more
V2102 — 1st Prob Contact Area	48	Knee restraint	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	11	Knee	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	12	Laceration	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	KLLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1; Injury #12

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	12	Injury #12	more
V2102 — 1st Prob Contact Area	48	Knee restraint	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	16	Pelvic/hip	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	26	Fracture with dislocation	more
V2107 — Primary OIC -system/Organ	10	Joints	more
V2108 — Primary OIC -severity	3	Serious	more
V2109 — Primary OIC	PLZJ3	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 355: Occupant # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	01	Occupant #1	more
V2002 — Occupant Role At 1st Impact	1	Motor vehicle driver	more
V2003 — Occupant Position -row	1	1st row	more
V2004 — Occupant Position -lateral	1	Left	more
V2005 — Occupant Position -posture	10	Sitting on seat	more
V2006 — Occupant Age In Years	23	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	084 kg	—	—
V2009 — Occupant Height	183 cm	—	—
V2010 — Occupant Sex	1	Male	more
V2011 — Occupant Treatment/Mortality	04	Hospitalized over 24 hrs or for significant treatment	more
V2012 — Injury Severity Score	14	—	—
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	3	A - Incapacitating Injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	3	Both lap belt and shoulder harness	more
V2017 — Passive Restraint System	1	Air bag installed	more
V2018 — Passive Restraint Usage	2	Air bag deployed	more
V2019 — Child Seat Type	88	Not applicable (adult or older child)	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more
V2022 — Highest OIC Severity	3	Serious	more

V2023 — Head Restraint Available	1	Equipped	more
V2024 — Occupant Eyewear	0	None	more
V2025 — Source of Occupant Info	1	Hospital	more



















































































































